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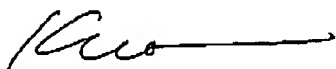
To	Assistant Commissioner For Patents	Location	
cc		Fax	1-703-872-9306
From	Setsuko Kawashima, Intellectual Property Law Schlumberger K.K.	Date	June 7, 2005
Subject	Information Disclosure Statement	Pages (inc)	118 page(s)

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Dear Sirs,

Please find the attached.

Yours truly,



Setsuko Kawashima  
IP Administrator  
Intellectual Property Law  
Schlumberger K.K.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: T.J. Plona

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DOCKET NO.: 26.0273 US

SERIAL NO: 10/789,210

GROUP ART UNIT: 3663

FILED: February 27, 2004

TITLE: Slowness-Frequency Projection  
Display and Animation

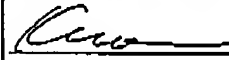
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## CERTIFICATE OF TRANSMISSION UNDER

37 C.F.R. 1.8

I hereby certify that this correspondence (along with any document referenced as being attached or enclosed hereto) is being facsimile transmitted to the United States Patent and Trademark Office on this date



Setsuko Kawashima

June 7 2005

Date

Assistant Commissioner for Patents  
Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Dear Sir:


The following documents on the Form PTO-1449 are submitted to the United States Patent and Trademark Office under provisions of 37 CFR 1.97-1.98. A copy of each reference except US patents and publication is enclosed.

In accordance with 37 C.F.R. § 1.97, Applicant hereby states that some items of information contained in this Information Disclosure Statement were cited in the International Search Report issued on May 10, 2005. A copy of the International Search Report is also attached.

This statement is submitted prior to a first Office Action on the merits of the application.

Please charge any necessary fees to the deposit account for Schlumberger K.K., Account No. 50-1122.

Respectfully Submitted,

  
William L. Wang  
Registration Number 39,871

Date: June 7, 2005

Schlumberger K.K.  
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PTO/SB/08B (05-03)

Approved for use through 05/31/2003. OMB 0651.0031

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Substitute for form 1449WPTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1
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of 2

**Complete if Known**

Application Number	10/789,210
Filing Date	February 27, 2004
First Named Inventor	T.J. Plona
Art Unit	3663
Examiner Name	Unknown
Attorney Docket Number	26.0273 US

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

<p><b>Data Considered</b></p>
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual's view. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1419B/PTO		<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/789,210
		Filing Date	February 27, 2004
		First Named Inventor	T.J. Piona
		Art Unit	3663
		Examiner Name	Unknown
		Attorney Docket Number	26.0273 US
Sheet	2	of	2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		T.J. Piona, M.R. Kinn, B. Sinha and J. Walsh, "Evaluating Stress-Induced Anisotropy and Mechanical Damage From Cross-Dipole Sonic Data Using Dispersion Analysis", SPE/ISRM 78233, 2002	
		C.V. Kimball, T.L. Marzetta, "Semblance processing of borehole acoustic array data", Geophysics Vol. 49, No. 3, pp. 274-281, 1984	
		Lang, S.W., Kurkjian, A.L., McClellan, J.H., Morris, C.F., and Parks, T.W., "Estimating slowness dispersion from arrays of sonic logging waveforms", Geophysics, 52, pp. 530-544.	
		Sinha, B.K., Norris, A.N., and Chang, S.K., "Borehole flexural modes in anisotropic formations", Geophysics, 59, pp. 1037-1052.	
		Brie, A., Kimball, C.V., Pabon, J., and Salki, Y., 1997, "Shear slowness determination from dipole measurements", 38th SPWLA Ann. Inter. Symp.	
		Endo, T., Pistre, V., Brie, A., 1999, "Optimum Slowness Evaluation from Sonic Waveform Data", 5th Well Logging Symp. of Japan.	
		Piona, T., Sinha, B., Kane, M., Shenoy, R., Bose, S., Walsh, J., Ikogami, T., Endo, T., Skelton, O., "Mechanical Damage Detection and Anisotropy Evaluation using Dipole Sonic Dispersion Analysis", 2002, 43th SPWLA Ann. Inter. Symp., Paper KK	
		Lu, C.C. and Liu, Q.H., 1995, "A three-dimensional dyadic Green's function for elastic waves in multiphase cylindrical structures," J. Acoust. Soc. Am., v.98, pp. 2825-2835.	
		Sinha, B.K., Asvadurov, S., 1998, "Higher-order modes in a fluid-filled borehole", 1998, IEEE Int. Ultrasonics Symp. Proc., v. 2, pp. 1115-1120.	
		Sinha, B., Kostek, S., Piona, T.J., Chang, S.K., 1992, "Axisymmetric wave propagation in fluid-loaded cylindrical shells", Part I, J. Acoust. Soc. Am., 92, pp. 1132-1143.	

Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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